Amendments to the Claims

1. (Currently Amended) A tunable radio frequency (RF) band-pass filter provided with field effect (FET) capacitors arranged for controlling their respective capacity values, each such FET capacitor having a source (S) and a drain (D), characterised in that the source (S) and the drain (D) of each FET capacitor are coupled to one another, the tunable RF band-pass filter including an arrangement for tuning the tunable RF band-pass filter by selectively controlling the voltage dependent capacitor values of the FET capacitors, the tunable RF band-pass filter transforming an RF input impedance at a filter input to an RF output impedance at a filter output.

2. (Previously Amended) The filter according to claim 1, characterised in that each FET capacitor has a control input for voltage dependent capacity value control.

3. (Previously Amended) The filter according to claim 2, characterised in that the tuning arrangement is provided with control means coupled to the FET capacitor control inputs.

4. (Previously Amended) The filter according to claim 1, characterised in that the FET capacitors are split in equally controlled pairs of FET capacitors.

5. (Previously Amended) The filter according to claim 1, characterised in that the filter is built up as a symmetrical filter having a symmetrical input and a symmetrical output.

6. (Previously Amended) The filter according to claim 1, characterised in that two or more of the FET capacitors are connected in series.

7. (Previously Amended) The filter according to claim 1, characterised in that the FET capacitors are metal oxide semiconductor (MOSFET) capacitors.

8. (Currently Amended) A transmitter, receiver, or transceiver having a tunable radio frequency (RF) band-pass filter according to claim 1, which tunable RF band-pass filter is provided with field effect (FET) capacitors arranged for controlling their respective capacity values, each such FET capacitor having a source (S) and a drain (D), characterised in that the source (S) and the drain (D) of each FET capacitor are coupled to one another, the tunable RF band-pass filter including an arrangement for tuning the tunable RF band-pass filter by selectively controlling the voltage dependent capacitor values of the FET capacitors.

9. (Previously Added) The filter according to claim 1, wherein an input to the filter is coupled to a series arrangement of pairs of the FET capacitors.

10. (Previously Added) The filter according to claim 9, wherein the series arrangement of pairs of the FET capacitors are split in equally controlled pairs of the FET capacitors.

11. (Previously Added) The filter according to claim 1, wherein the tuning arrangement includes a decoder coupled to a gate of each of the FET capacitors.